

## Page 1 of 1

All amounts are calculated in domestic currency.

[illegible]

# B I L L O F L A D I N G

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 935365  
 Ship Date 21 May 15 at 14:09 From PFW  
 Probill  
 Via VIM DELIVERY  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp STAN IVERS (905-532-1350)  
 Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

# B I L L O F L A D I N G

1) Our Order PEC-804112- 1 Your PO # 28462  
 ALUMINUM SHEET 2024 -T3

.0400 Nom X 48.0000" X 144.0000"

Heat Number Tag No  
 126652B7 415237

Quantity PCS Wt LBS  
 96.00 SFT 2 55

TOTAL: Tags PCS LBS  
 1 2 55

ADD ON TO 803853/803866 SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
 \*\* REFERENCED ON IT \*\*

TOTAL 1 SKID GW. 205 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
 CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION  
 TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE



B I L L O F L A D I N G

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 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
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No: PEC 935365  
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 DART AEROSPACE

Ship To: ( 1)  
 DART AEROSPACE

B I L L O F L A D I N G

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
 ADDED TO EVERY ORDER.\*\*\*

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION  
 TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

# KAISER ALUMINUM FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

CUSTOMER PO NUMBER: 5400249390-20		WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR01581-48.0		PRODUCT DESCRIPTION: HT Flat Sheet
KAISER ORDER NUMBER: 1190207	LINE ITEM: 2	SHIP DATE: 03/12/2015	ALLOY: 2024	CLAD: BARE	TEMPER: T3
WEIGHT SHIPPED: 3272 LB	QUANTITY: 116 PCS EST.	B/L NUMBER: 2052841	GAUGE: 0.0400 IN	WIDTH: 48.000 IN	LENGTH: 144.000 IN
SHIP TO:  COPPER & BRASS SALES 13338 ORDEN DRIVE BUILDING H SANTA FE SPRINGS, CA 90670 US			SOLD TO:  COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US		

MHU 1871441: LOT 126652B7: 49 pieces  
MHU 1874680: LOT 126042B1: 67 pieces

### Certified Specifications

AMS 4037/RevQ AMS-QQ-A-250/4/RevB ASTM B 209/Rev14 CMMF 019/RevD CMMF 025/RevU

Test Code: 1504

*JH155-25*

### Test Results:

LOT: 126042B1 CAST: 741 DROP: 94 INGOT: 4

Melted in USA  
(ASTM E8/B557)  
(EN 2002-1)

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T3	LT / 02 (Min:Max)	67.0 : 67.2 (462 : 463)	44.5 : 44.8 (307 : 309)	17.1 : 18.3

(ASTM E1251)  
Chemistry: ☒ SI FE CU MN MG CR ZN TI V ZR OTHER  
Actual 0.10 0.20 4.4 0.56 1.3 0.01 0.10 0.02 0.01 0.00 TOT 0.03

LOT: 126652B7 CAST: 754 DROP: 04 INGOT: 4

Melted in USA  
(ASTM E8/B557)  
(EN 2002-1)

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T3	LT / 02 (Min:Max)	66.5 : 66.9 (459 : 461)	43.9 : 44.1 (303 : 304)	18.1 : 18.9

(ASTM E1251)  
Chemistry: ☒ SI FE CU MN MG CR ZN TI V ZR OTHER  
Actual 0.15 0.11 4.3 0.54 1.3 0.00 0.03 0.01 0.01 0.00 TOT 0.02

Plant Serial: 4367878  
Kaiser Order Number: 1190207  
Line Item: 2

Page 1 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403869135

CstAr

CstOr 267057

Wgt.: 55.296 LB

Date 05/15/2015

*John R. Zumbach*



# KAISER ALUMINUM FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
2024	MIN	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	MAX 0.05
	MAX	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	TOT 0.15

Aluminum Remainder

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO-9001:2008/AS9100C certified and hereby certifies that all material shipped under this order: \* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. \* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. \* has been thermally processed in compliance with AMS 2772, where applicable. \* is mercury free, within the limits of detection of ASTM E1251 (<1ppm). \* is in compliance with RoHS 2, European Union Directive 2011/65/EU. \* is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) 1907/2006. \* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act. Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on this certificate may be punished as a felony under federal law.

JAMES HEMENWAY, LABORATORIES SUPERVISOR

*James Hemenway*

Plant Serial: 4367878

Kaiser Order Number: 1190207

Line Item: 2

Page 2 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403869135

CstAr

CstOr 267057

Wgt.: 55.296 LB

Date 05/15/2015

*John R. Zambetti*



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28462**

Purchase Order Date 5/13/2015

PO Print Date 5/13/2015

Page Number 1 of 6

**Order From :**

VC-COP001

**Ship To :** DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone**

905 669 9444

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

VENDOR'S TRUCK

**Ship Acct:**

**Buyer**

**Customer POID**

**Customer Tax #**

**Terms**

**Currency**

**FOB**

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M174R0.750	17-4 round bar .750	5/20/2015 Yes 5/20/2015		14.00 f	\$4.50	\$63.00
MATERIAL: 17-4 PH / S17400 TYPE 630 SS ROUND BAR PER AMS 5643 OR ASTM A564 GRAIN MUST BE ALONG LENGTH OF BAR MINIMUM YIELD TENSILE STRENGTH = 100 KSI MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI							
Line Total:							\$63.00
2	M2024T3S.040	2024-T3 .040 sheet	5/20/2015 Yes 5/20/2015		96.00 sf	\$3.51	\$337.40
MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR <u>AMS-QQ-A-250/4</u> OR AMS 4037 OR ASTM B209							
Line Total:							\$337.40

Note:

5/13/2015



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO28462

Purchase Order Date 5/13/2015

PO Print Date 5/13/2015

Page Number 2 of 6

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA – (Free Carrier)

3	M304R0.375	304 ROUND BAR 0.375	5/20/2015	12.00	✓	\$2.92	\$35.00
			Yes	f			
			5/20/2015				
		MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276					
		(NOTE: AISI 303 NOT ACCEPTABLE)					
						Line Total:	\$35.00

4	M304R1.000	304 round bar 1.00	5/20/2015	12.00	✓	\$6.27	\$75.24
			Yes	f			
			5/20/2015				
		MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276					
		(NOTE: AISI 303 NOT ACCEPTABLE)					
						Line Total:	\$75.24

5	M304S26GA	304/316 0.018 SHEET	5/20/2015	64.00	✓	\$2.53	\$161.76
			Yes	sf			
			5/20/2015				
		MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240					

215-05-20

Note:

5/13/2015

8015-0520





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28462**

Purchase Order Date 5/13/2015

PO Print Date 5/13/2015

Page Number 3 of 6

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Total: \$161.76

6 M303R0.500 303 Round Bar 0.500" 5/20/2015  
Yes  
5/20/2015

24.00  
f

\$1.40 \$33.60

Line Total: \$33.60

7 M303R1.000 303 Round Bar 1.00 5/20/2015  
Yes  
5/20/2015

36.00  
f

\$5.47 \$196.80

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$196.80

8 M6061T6B0.750X01.000 6061-T6 Bar .750 x 1.00 5/20/2015  
Yes  
5/20/2015

12.00  
f

\$2.29 \$27.50

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

SP 15-05-20

Note:

5/13/2015





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28462**

Purchase Order Date 5/13/2015

PO Print Date 5/13/2015

Page Number 4 of 6

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

Line Total: \$27.50

9 M6061T6B2.000X04.000 6061T6 Bar 2.00 x 4.00 5/20/2015 6.00  
4.500 4.500 Yes f

\$27.73 \$166.40

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$166.40

10 M6061T6B2.500X03.500 6061-T6 Bar 2.50 x 3.50 5/20/2015 8.00  
Yes f

\$27.63 \$221.00

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$221.00

Note:

5/13/2015



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28462**

Purchase Order Date 5/13/2015

PO Print Date 5/13/2015

Page Number 5 of 6

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

11 M6061T6R0.500 6061-T6 Round Bar .500" 5/20/2015  
Yes  
5/20/2015

12.00 ✓  
f \$2.92 \$35.00

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$35.00

12 M6061T6R1.000 ROUND BAR 1.00" 5/20/2015  
Yes  
5/20/2015

12.00 ✓  
f \$2.92 \$35.00

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$35.00

13 M303B1.000X1.000 303 BAR 1" X 1" 5/20/2015  
Yes  
5/20/2015

12.00 ✓  
f \$12.64 \$151.70

MATERIAL: AISI 303 SS BAR AS PER ASTM A582  
NOTE: AISI 304/316 NOT ACCEPTABLE

815-05-20

Note:

5/13/2015





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Page Number 6 of 6

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THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

Line Total: \$151.70

14 71401-45 PROCUREMENT  
QUALITY CLAUSES

5/20/2015

1.00 ✓

\$0.00

\$0.00

No

5/20/2015

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality document

8815-05-20

Line Total: \$0.00

PO Total: \$1,539.40

CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 1

Change Date: 5/13/2015